



Virginia's Technology Transformation

A Partnership for the Future

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- **The Case for IT Transformation**
- **Overview of the IT Infrastructure Partnership**
- **Partnership Vision**
- **Transformation Projects**
- **Who the Partnership Benefits**
- **Who Should I Contact?**

VITA: The State's IT Utility

- **Formed by Governor and General Assembly in 2003**
- **Primary responsibilities**
 - Operate state's IT infrastructure
 - Govern IT investments
 - Procure technology
 - E-911 and Virginia Geographic Information Network (VGIN)
- **Structure**
 - VITA is an Internal Service Fund agency*
 - VITA's budget is the fees it collects
 - VITA's rates are approved by ITIB & JLARC
 - * *Some general funds and E-911 fund*
 - Information Technology Investment Board ("ITIB"), a 10-member supervisory board appointed by Governor & General Assembly, is responsible for VITA
 - ITIB hires the state's Chief Information Officer under five-year contract to oversee VITA's operation

The Case for Transformation

- **Inadequate Security and Back-Up**

- Disjoined, redundant networks, no comprehensive cyber attack detection/reaction
- 100+ data centers 100 locations, many inadequate
- Many mission-critical systems lack adequate disaster recovery

- **Costly Inefficiencies**

- 3,000+ servers, used to only about 1/4 of total capacity
- Antiquated support for some 60,000 desktops & laptops
- Current “stovepipe” IT environment makes collaboration difficult, expensive

- **Lack of Capabilities**

- 70+ help desks, lack of basic problem diagnosis/response tools
- Some agencies lack basic office automation tools

Forming the IT Infrastructure Partnership

- In 2005, the Commonwealth of Virginia and Northrop Grumman formed a public-private partnership to modernize the state's information technology infrastructure
- 10-year, \$2 billion contract
- \$270 million capital investment in the Commonwealth
- Believed to be the first and the largest of its kind in the nation
- A Commonwealth initiative that will benefit and involve executive branch agencies, other state government, local government, and educational institutions
- Created to foster creative approaches, enable innovative funding models, and share the risks and rewards of transformation projects

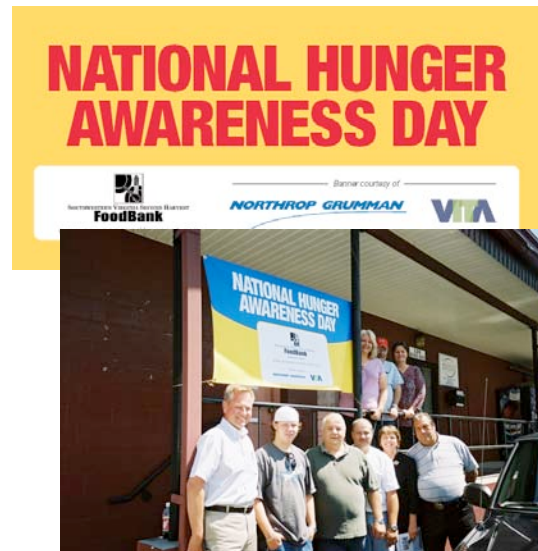
Working As a Team



Partnership Icon



Northrop Grumman-Partnership Advertisement



Feed the Truck Food Drive & Community Service Events



Northrop Grumman CEO
Dr. Ron Sugar Speaking at
Employee "Day One" Event

Partnership Goals

- **Modernize and standardize aging IT infrastructure**
- **Provide basic IT services at consistent service levels and predictable costs**
- **Improve the IT services that support the state's workforce**
- **Ensure the security of public assets**
- **Provide career opportunities for IT employees**
- **Enhance economic development**
- **Reduce costs over the long-term**

Delivering Results

- **Economic Growth**

- 433 new high-tech jobs in Southwest Virginia
- 631 jobs in Chesterfield County, including VITA and Northrop Grumman employees
- \$65M investment in nearly 300,000 SF of new technology management facilities

- **Employee Transition**

- Job offers to 850 employees on May 1 with enhanced benefits and professional growth opportunities
 - 66% acceptance rate; 34% remain VITA “managed” employees

- **Smooth Transition on Service Commencement Day, July 1**

- Uninterrupted service delivery

Enhancing Service Availability

- **Anchor tenant for 2 new technology parks delivering the Commonwealth new high-tech facilities**
 - Tier III Data Center
 - Enterprise Security Operations and Incident Response Centers
 - Enterprise Centralized Management and Network Operations Centers
 - Shared facilities, supporting Commonwealth and Northrop Grumman operations



Commonwealth Enterprise Solutions Center
Chesterfield County



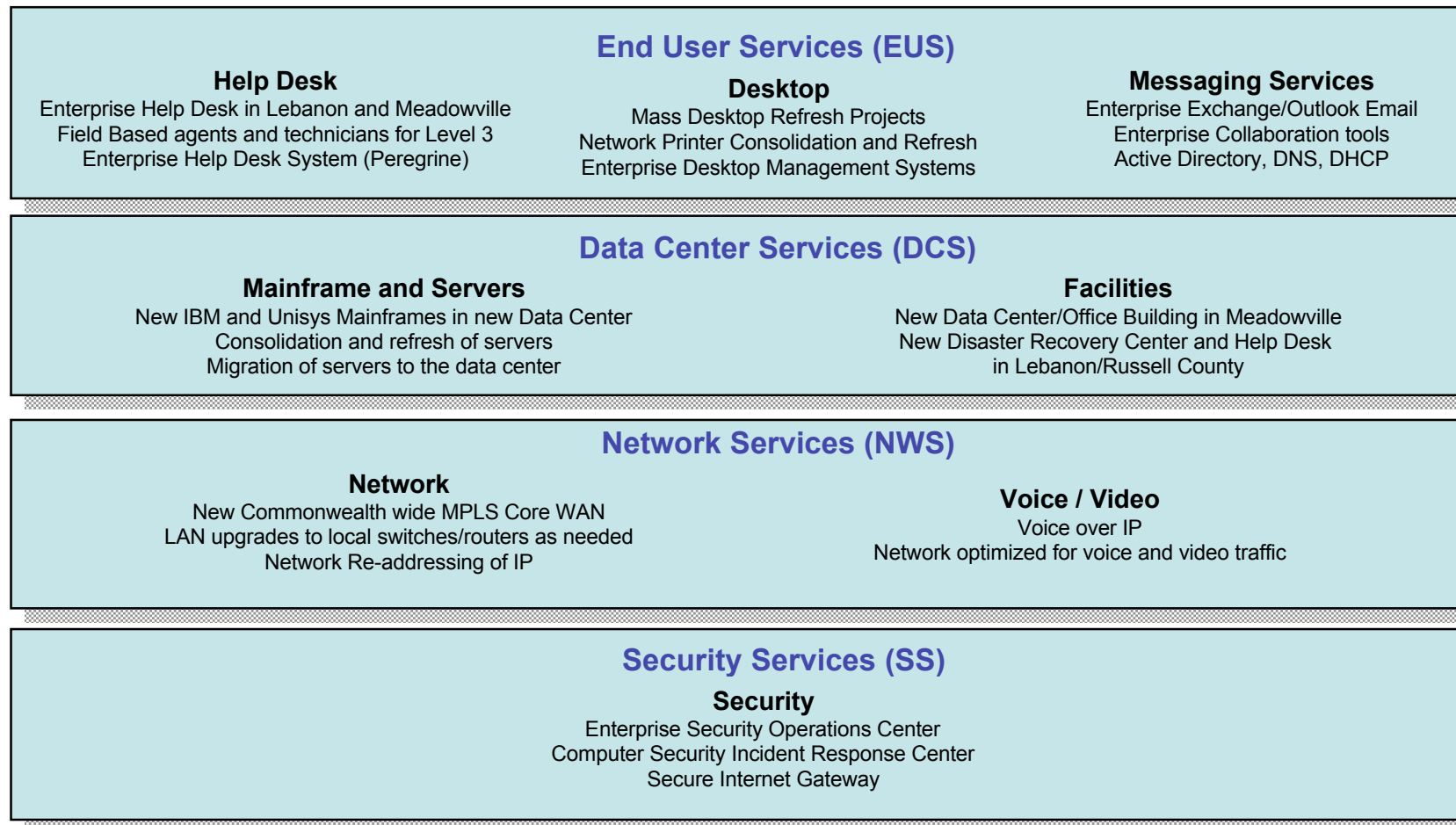
Southwest Enterprise Solutions Center
Lebanon, Russell County

Partnership Vision Now and Beyond

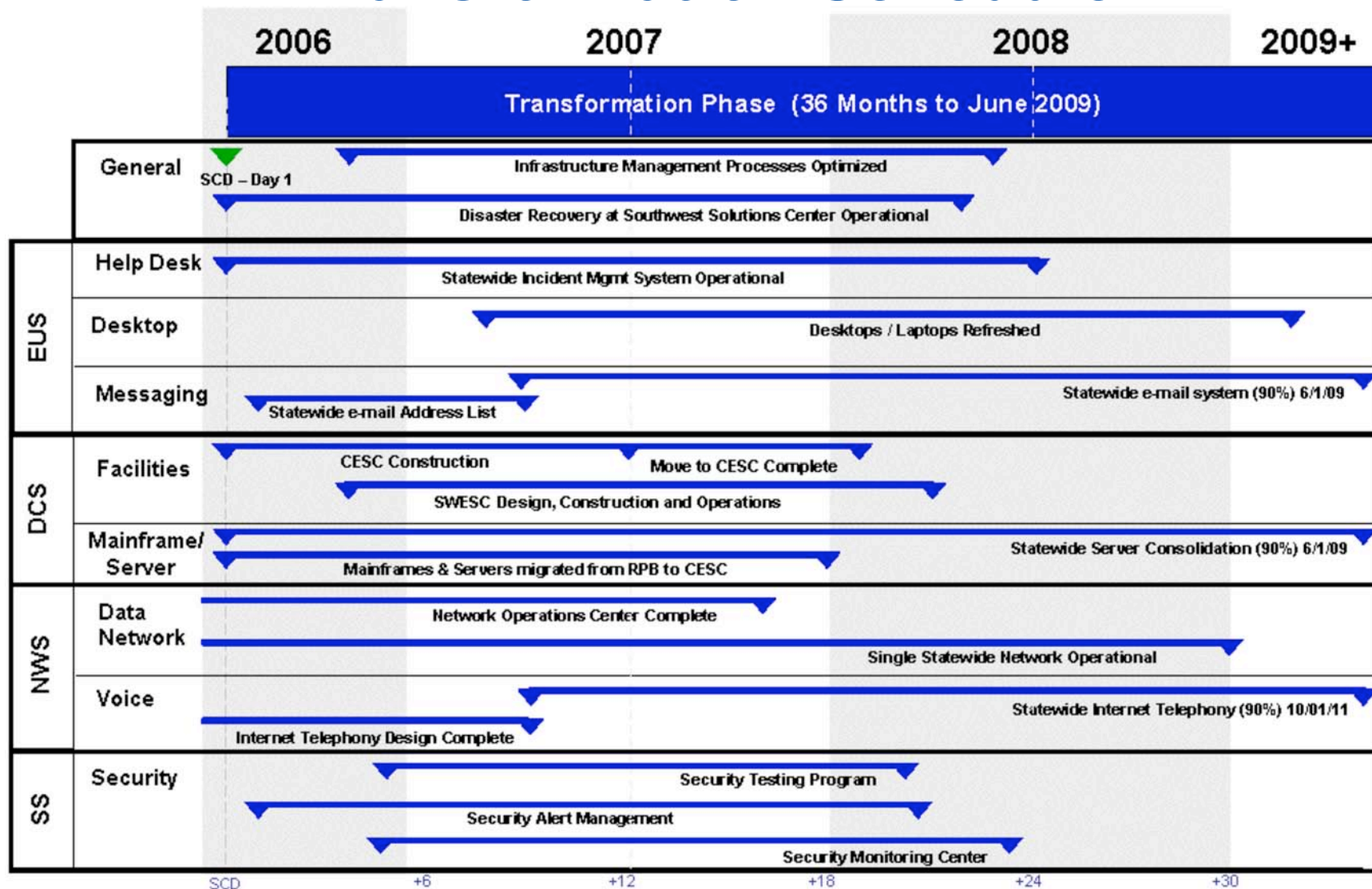
Together, Northrop Grumman and VITA will build upon current capabilities and deploy a first-class IT infrastructure to serve the citizens of the Commonwealth of Virginia. Our team will support a pioneering model for information technology governance and operational excellence, while infusing our organization with new ideas and best practices.

- **2007**
 - Desktop refresh to begin
 - Single Statewide Address List
 - Chesterfield and Southwest Solution Centers ready for occupancy
- **2009**
 - Complete Agency network migration
 - Complete desktop refresh
 - Enterprise Messaging 90% complete
 - Server Consolidation 90% complete
- **2011**
 - VOIP Completion

Transformation Projects



Transformation Schedule



The Partnership Benefits

Commonwealth Agencies

- Improved 21st century technology services at today's cost
- Improved security of Commonwealth assets
- Consistent technology innovation
- Improved disaster recovery
- Lower reoccurring cost at end of the project

Local Governments

- Leveraged state services at lower costs
- Backup and security services that previously were unaffordable now are available
- Expanded broadband access
- Enhanced emergency communications and greater E-911 and homeland security capabilities
- Collaborative projects and services

Education

- Renewed focus on core service delivery
- Partnership with Virginia community college system
- Relationship with UVA-Wise including internships and technology education support

Suppliers

- Continued opportunity to compete for Commonwealth business
- Strong focus on Small, Woman-owned, and Minority-owned business opportunities
- Collaborative Projects and Services

Citizens

- Improved security of information
- Expanded, improved and simpler services
- No additional taxpayer dollars
- Economic development and new jobs



Contact Information

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<http://www.vita.virginia.gov/itpartnership/contactUs.cfm>

Facilitated Panel Discussion

Aneesh P. Chopra, Secretary of Technology – Moderator

- **Sanford Hostetter**, ITS Manager, Virginia Dept. of Mental Health, Mental Retardation and Substance Abuse Services
- **Bill Hunter**, Infrastructure Services Manager, Roanoke County
- **Steve Jones**, Director of Technology, Town of Blacksburg
- **Constance McGeorge**, Special Assistant to the Governor, Commonwealth Preparedness
- **John B. Noftsinger, Jr.**, Associate Vice President of Academic Affairs for Research and Public Service, James Madison University
- **Pam Staggs**, Director of IT, City of Norfolk
- **Sandie Terry**, Director of IT, Franklin County